

FIG. 1

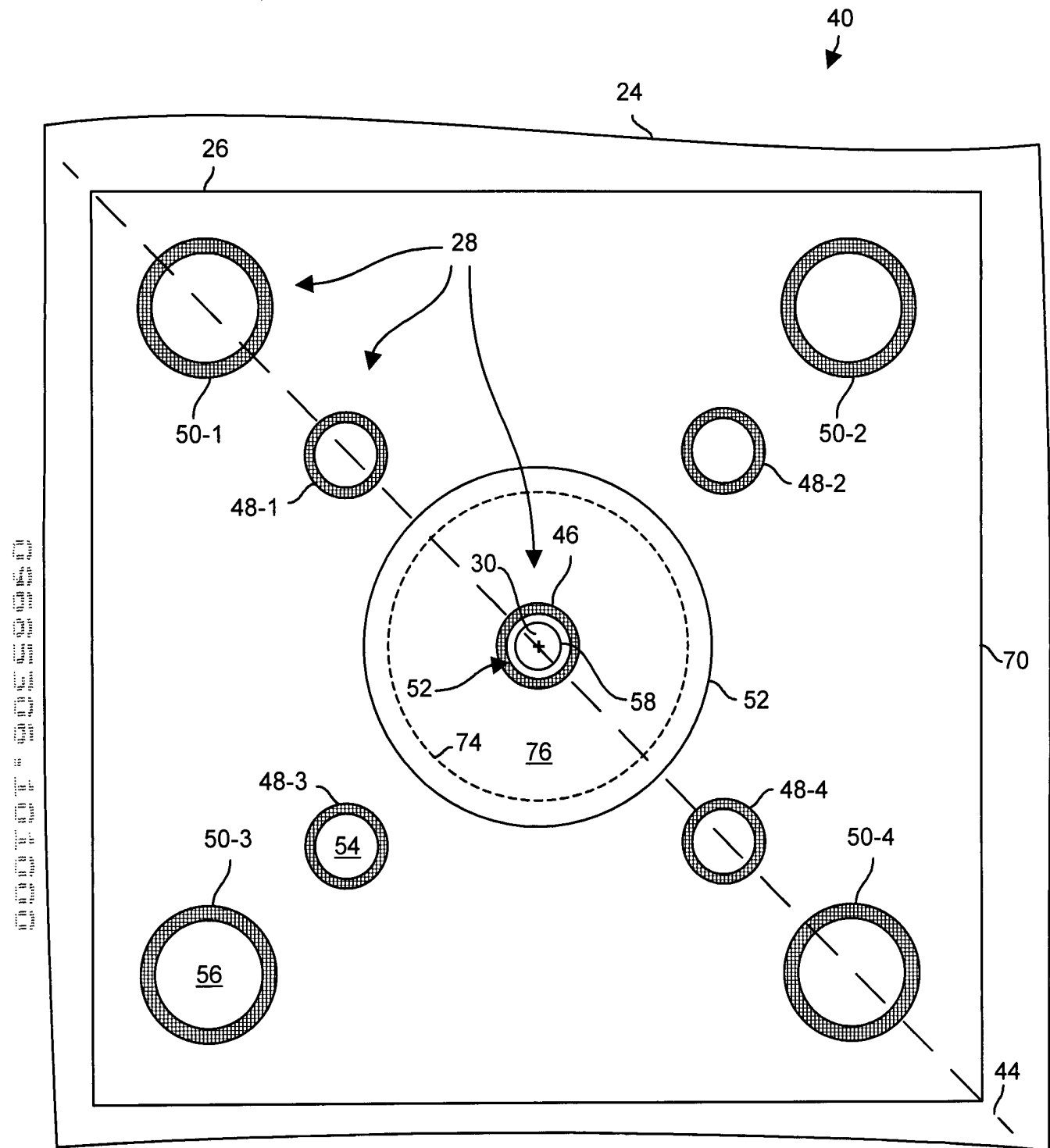


FIG. 2

FIG. 3 is a side cross-sectional view of the device 26, showing the internal components and the alignment of the various parts. The device 26 includes a central shaft 30, a handle 42, and a series of components 24, 46, 48, 50, 52, 54, 56, 58, 60, 62-A, 62-B, 64, 66-A, 66-B, 70-A, 70-B, 72-A, 72-B, 74, 76, 78, and 80. The components are arranged in a linear fashion along the shaft 30, with the handle 42 at one end and the components 24, 46, 48, 50, 52, 54, 56, 58, 60, 62-A, 62-B, 64, 66-A, 66-B, 70-A, 70-B, 72-A, 72-B, 74, 76, 78, and 80 at the other end. The components are shown in cross-section, with dashed lines indicating the internal structure and the alignment of the parts. The handle 42 is shown at the top right, and the components 24, 46, 48, 50, 52, 54, 56, 58, 60, 62-A, 62-B, 64, 66-A, 66-B, 70-A, 70-B, 72-A, 72-B, 74, 76, 78, and 80 are shown in a linear arrangement along the shaft 30. The components are shown in cross-section, with dashed lines indicating the internal structure and the alignment of the parts. The handle 42 is shown at the top right, and the components 24, 46, 48, 50, 52, 54, 56, 58, 60, 62-A, 62-B, 64, 66-A, 66-B, 70-A, 70-B, 72-A, 72-B, 74, 76, 78, and 80 are shown in a linear arrangement along the shaft 30.

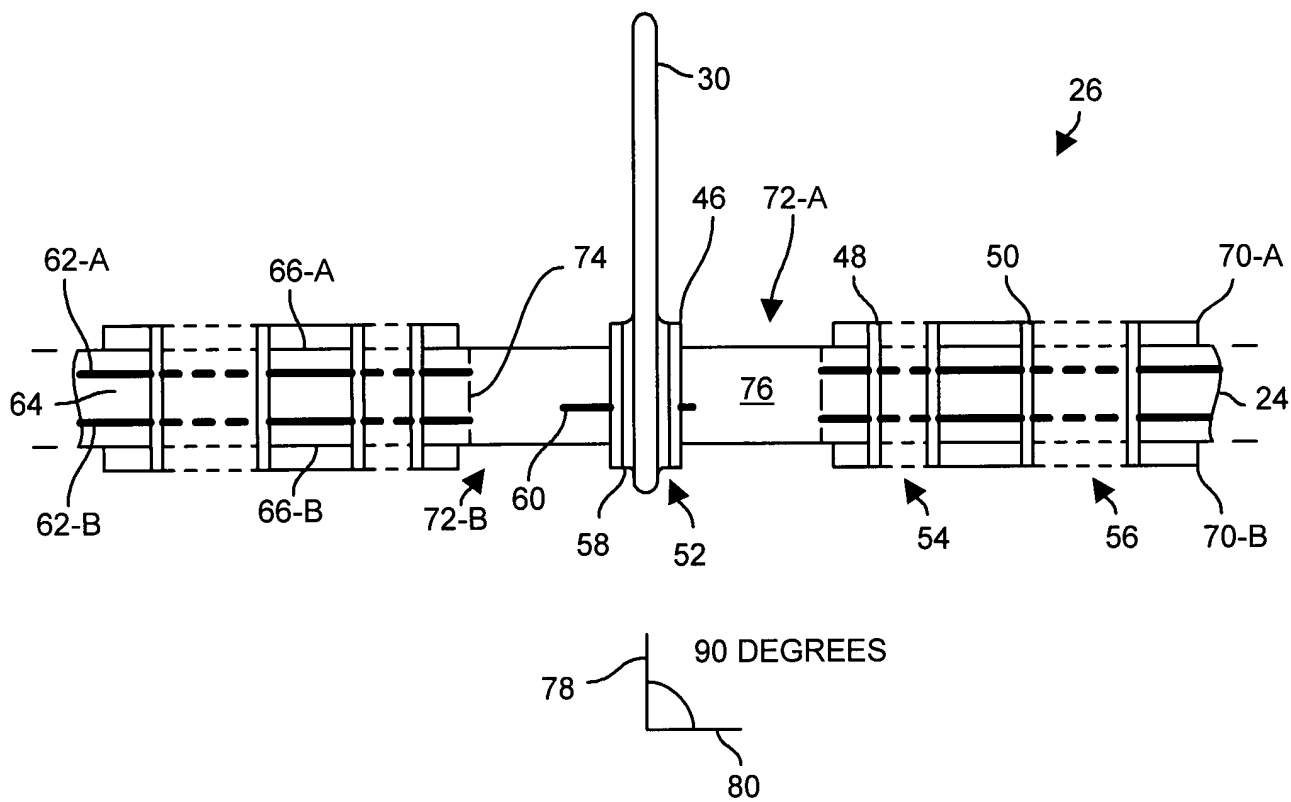


FIG. 3

FIG. 4 is a flowchart illustrating a method for providing a circuit board having a signal launch. The method includes providing a circuit board having a section of circuit board material and a signal launch that includes (i) a signal via, (ii) a first set of ground vias, and (iii) a second set of ground vias such that each of the first set of ground vias is disposed, from the signal via, a radial distance that is smaller than that of each of the second set of ground vias (e.g., form ground pads connecting all ground vias and solder signal pin in signal via such that signal pin extends perpendicularly from a plane of the circuit board section and the ground pad). The method also includes aligning a connector over the signal launch of the circuit board and moving the connector toward the signal launch until the connector makes electrical contact with the signal launch (e.g., insert end of signal pin into portion of the connector having a planar surface that is parallel to the plane of the circuit board section and the ground pad when a ground portion of the connector makes electrical contact with the ground vias of the signal launch, secure connector to signal launch using screws/bolts, etc.).

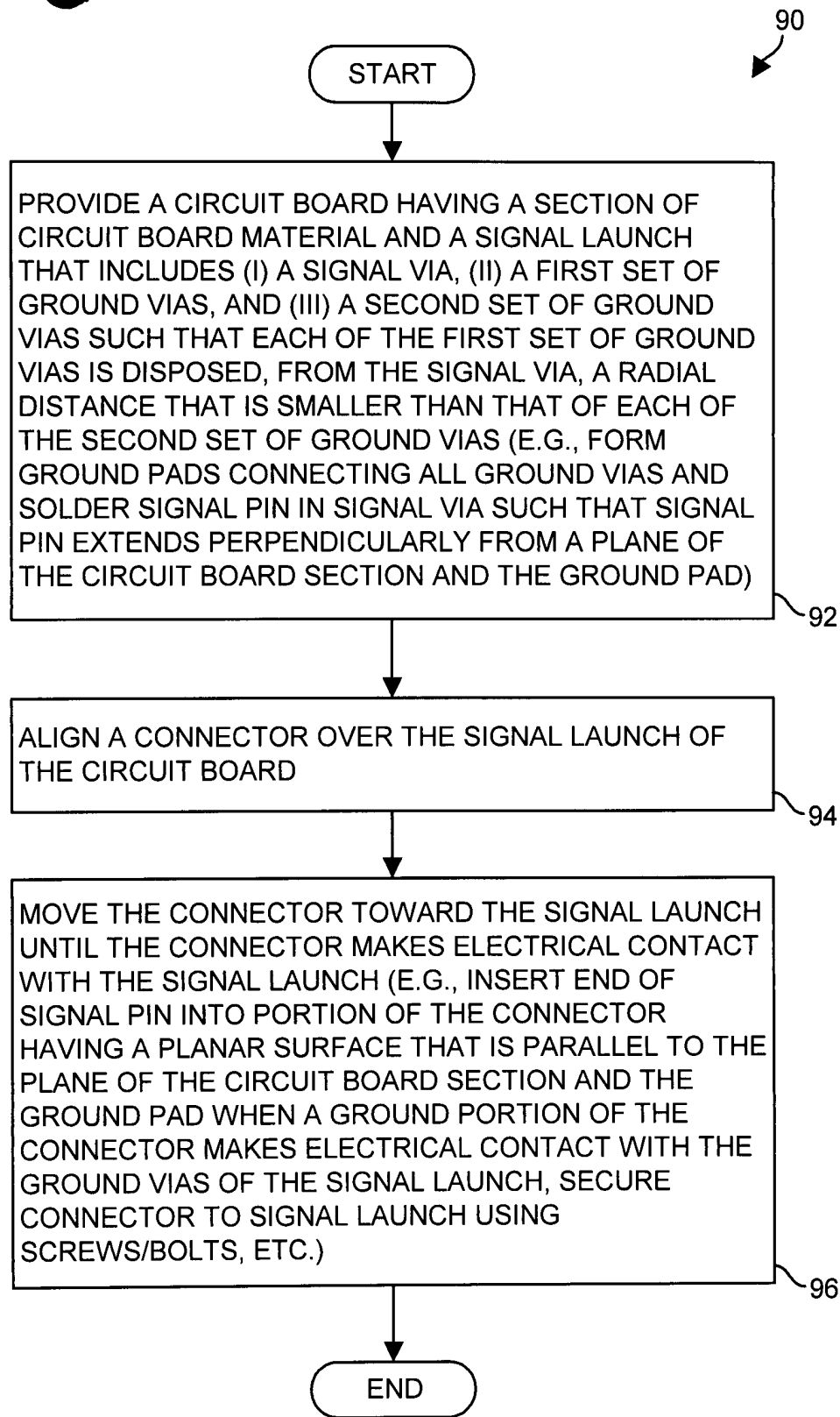


FIG. 4